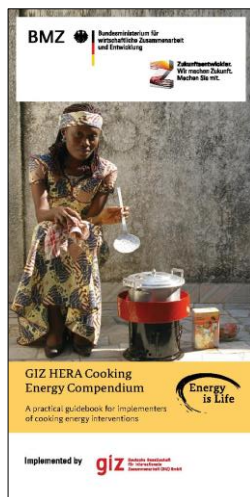




Energy Access

GIZ Publications since 2013



GIZ HERA Cooking Energy Compendium 3rd revised Edition

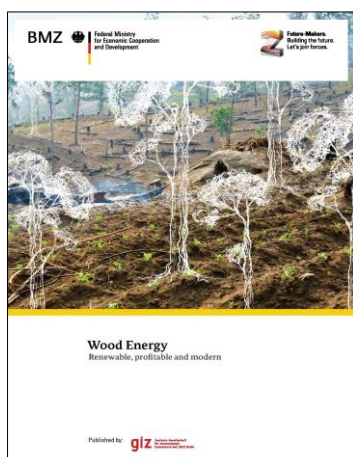
The global community has come to realize the major environmental impacts of unsustainable usage of biomass such as deforestation, erosion, and climate change, as well as the negative health impacts of smoke from open fires, especially on women and children. This compendium aims at supporting policy makers and project implementers worldwide to address these “burning” household energy issues based on 30 years of practical project experience.

This virtual guidebook provides a comprehensive cross section of relevant fields for project planning and implementation, i.e. policy formulation, technology development, market development and monitoring.

Online Compendium
Available in English

Available at:

https://energypedia.info/wiki/GIZ_HERA_Cooking_Energy_Compendium

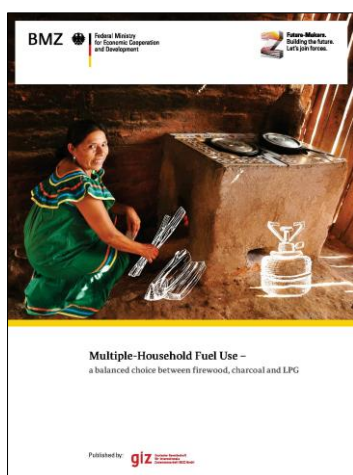


Wood Energy: Renewable, profitable and modern 2nd revised Edition

The set of talking cards demonstrate seven key advantages of wood-based fuels, and identify several challenges standing in the way of its efficient and renewable use. It concludes with several examples and success stories.

Published in 2014 by GIZ on behalf of BMZ
Brochure A4, 36 pages
Available in English and French

Available at: https://energypedia.info/images/1/1d/2014-03_Wood_Energy_renewable_modern_profitable_GIZ_HERA_eng.pdf



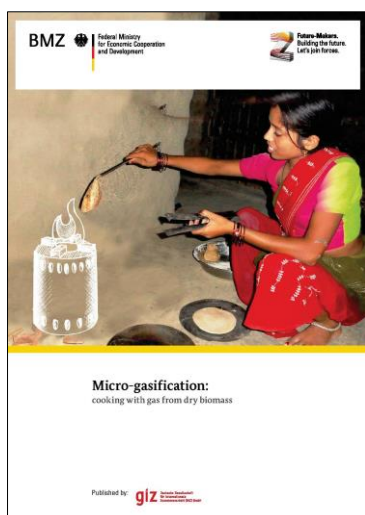
Multiple-Household Fuel Use – a balanced choice between firewood, charcoal and LPG

Solid biomass is often considered a traditional cooking fuel, whereas LPG and kerosene are considered modern. Accordingly, the international debate on energy access is discussing the hypothesis of the “energy ladder” – as incomes increase, households switch to “modern” fuels. The booklet makes the case for more comprehensive, inter-sectoral energy strategies based on a fuel mix of firewood, charcoal and LPG according to their respective advantages and disadvantages.

Published in 2014 by GIZ on behalf of BMZ
Brochure A4, 42 pages
Available in English

Available at: https://energypedia.info/images/3/32/2014-03_Multiple_Household_Cooking_Fuels_GIZ_HERA_eng.pdf





Micro-Gasification: Cooking with Gas from Dry Biomass Revised Edition

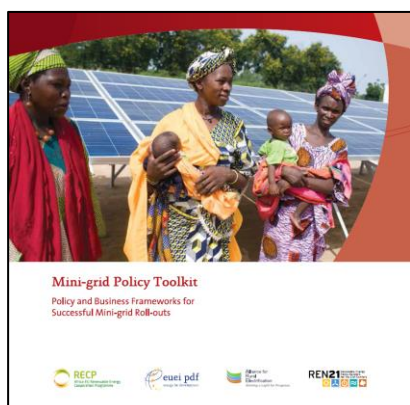
The Micro-Gasification Manual reflects the current state of the art in the growing topic of using dry biomass for gasification. It includes technical background, together with project examples, as well as more recent developments in gasifier stove technologies. The publication concludes with a look into biochar, the use of charcoal for soil fertility and carbon capture.

Published in 2014 by GIZ on behalf of BMZ
Brochure A4, 175 pages
Available in English



Available at:

https://energypedia.info/images/0/05/Micro_Gasification_2.0_Cooking_with_gas_from_dry_biomass.pdf



Mini-grid Policy Toolkit

The Mini-grid Policy Toolkit published by EUEI-PDF, Alliance for Rural Electrification (ARE) and REN21 provides comprehensive guidance on how policy-makers can develop a sustainable mini-grid policy. Such policy should aim at fostering electricity access as well as economic activity based on secure and ideally clean electricity over the long-term.

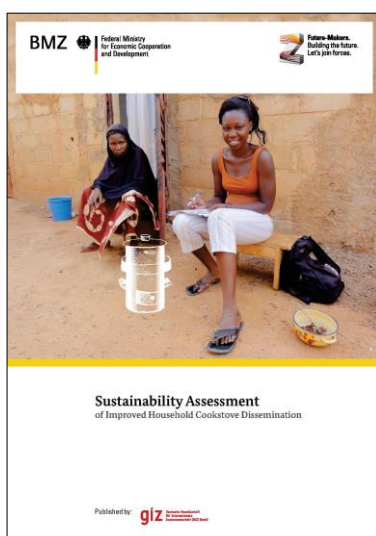
The toolkit covers a wide range of topics, including basic knowledge on mini-grids and rural electrification, operational models for mini-grids, financing and business models, stakeholder involvement, as well as policy and regulation.

Published in 2014 by EUEI PDF on behalf of the Africa-EU Renewable Energy Cooperation Programme
Brochure A5, 133 pages
Available in English



Available at: [http://euei-](http://euei-pdf.org/sites/default/files/files/field_pblctn_file/RECP_MiniGrid_Policy_Toolkit_1pageview_0.pdf)

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HERA Sustainability Assessment Framework

The HERA Sustainability Assessment Framework is a tool to measure sustainability of cookstove markets. The measurement methodology includes quantifiable sustainability criteria and factors that influence these criteria. After implementation in Kenya, Burkina Faso and Uganda, the framework has been reviewed and updated to better capture and measure certain aspects of sustainability. The maintenance rate has been replaced with a condition rate, and sustainability factors now include the demand side, supply side, stove adoption, and the policy and market environment.

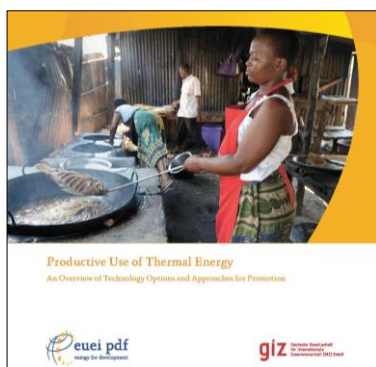
Published in 2014 by GIZ on behalf of BMZ
Brochure A4, 16pages
Available in English



Available at:

https://energypedia.info/images/d/d8/HERA_Sustainability_Assessment_Framework_2014.pdf

Productive Use of Thermal Energy – An Overview of Technology Options and Approaches for Promotion



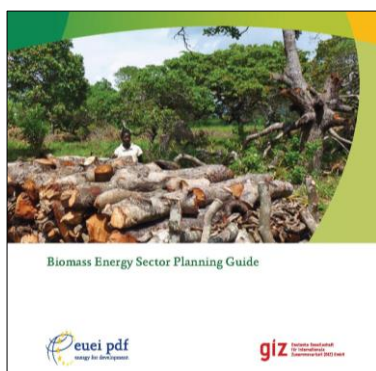
The productive benefits of promoting more efficient uses of thermal energy are often overlooked. In cooperation with EUEI-PDF, HERA released its publication on productive uses of thermal energy including efficient cooking, drying, baking and smoking technologies for productive purposes, together with project examples. The publication also gives an insight into the promotion of these more efficient technologies

Published in 2013 by GIZ and EUEI PDF
Brochure A5 quadratic, 54 pages, 8 separate factsheets
Available in English and French



Available at: http://www.euei-pdf.org/sites/default/files/files/field_pblctn_file/Productive%20Use%20of%20Thermal%20Energy_Overview.pdf

Biomass Energy Sector Planning Guide



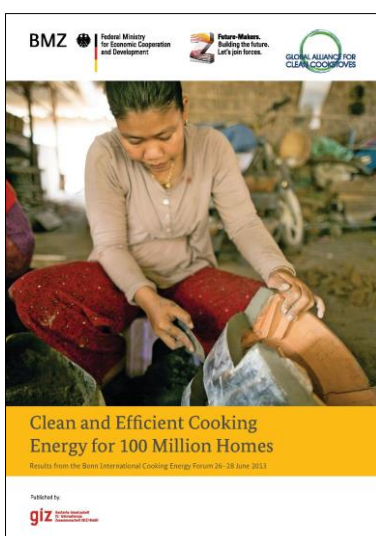
The Biomass Energy Sector Planning Guide provides practical, step-by-step guidance to set up efficient management structures for the biomass energy sector. The Guide is based on experiences of EUEI PDF and GIZ in Botswana, Lesotho, Malawi, Rwanda, Mozambique, Ethiopia, Tanzania, Nepal and Sierra Leone. Even though this guide is largely built on experience in Africa, it has relevance beyond Africa and the methodology can be applied in all countries where biomass is the main fuel for households and small enterprises. The Guide is a revision of the Biomass Energy Strategy (BEST) Guide published by EUEI PDF and HERA in 2011.

Published in 2014 by GIZ and EUEI PDF
Brochure A5 quadratic, 60 pages
Available in English and French



Available at: http://www.euei-pdf.org/sites/default/files/files/field_pblctn_file/140610_euei_best-guide_rz_05_web_0.pdf

Clean and Efficient Cooking Energy for 100 Million Homes – Results from the Bonn International Cooking Energy Forum 26–28 June 2013



The publication “Clean and Efficient Cooking Energy for 100 Million Homes” summarizes the relevant outcomes of the Bonn International Cooking Energy Forum 2013. More than 130 participants from relevant ministries, the private sector and non-governmental organizations from Europe and developing countries participated at this forum. The discussions focused on the questions of how best to advance and harmonize contributions towards reaching the “100 million by 2020” goal by boosting sustainable markets for modern cooking energy along the entire value chain from fuel production to energy use.

Published in 2013 by GIZ on behalf of BMZ
Brochure A4, 24 pages
Available in English



Available at: http://www.bmz.de/de/zentrales_downloadarchiv/themen_und_schwerpunkte/energie/FINAL_130621_BICEF2013_Programme.pdf